

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022561.D
 Acq On : 05 Jun 2025 09:11
 Operator : SY/MD
 Sample : VY0605SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBL01

Quant Time: Jun 06 01:19:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	260317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	481555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	383268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	134444	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	150403	51.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.320%
35) Dibromofluoromethane	7.634	113	144501	50.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.540%
50) Toluene-d8	10.103	98	576294	49.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.401	95	140831	40.698	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.400%

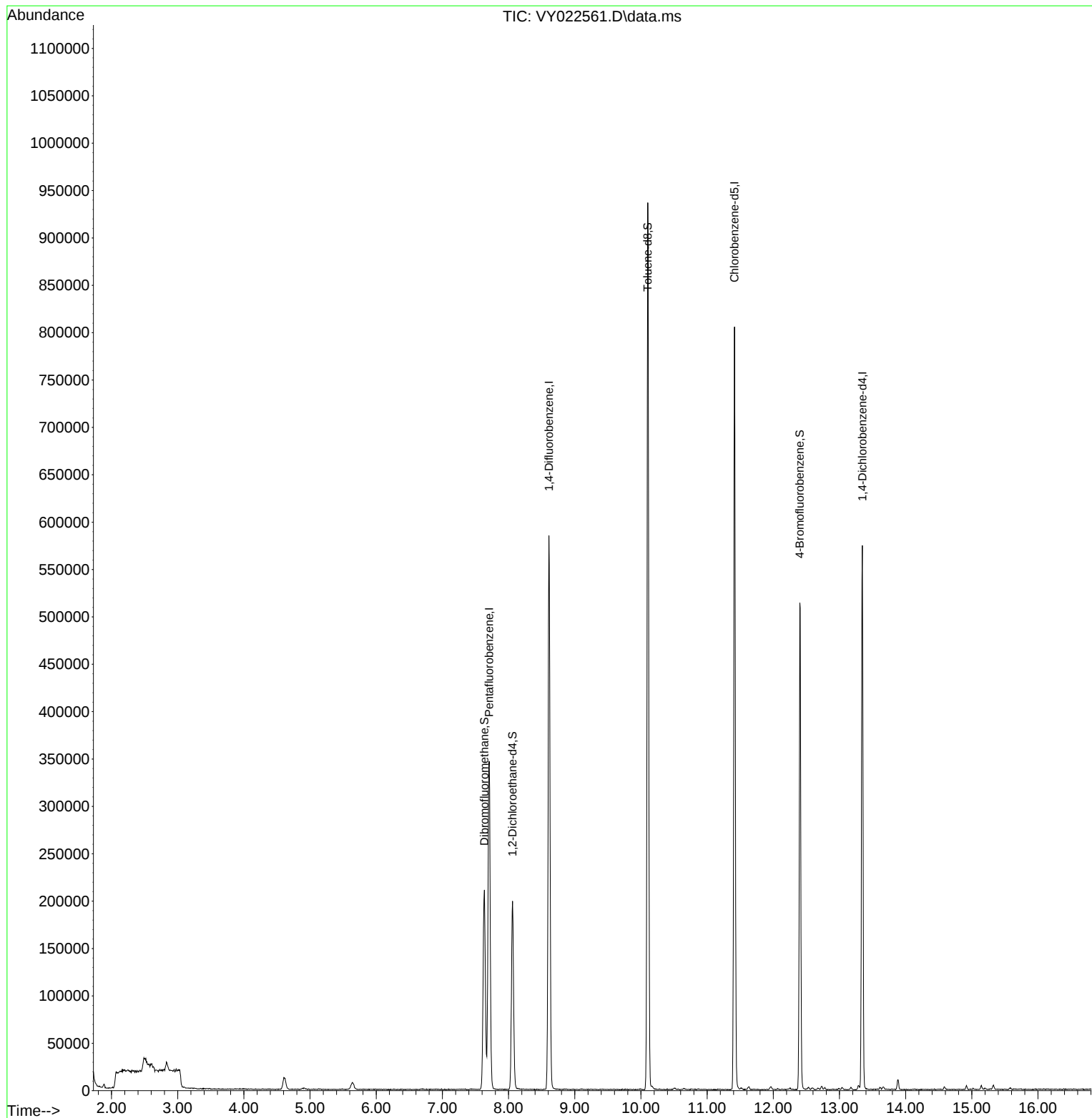
Target Compounds	Qvalue

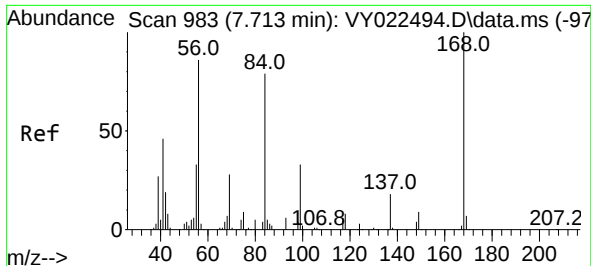
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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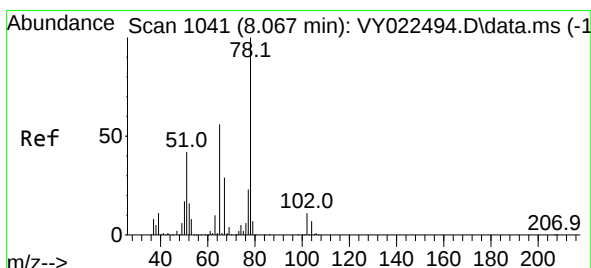
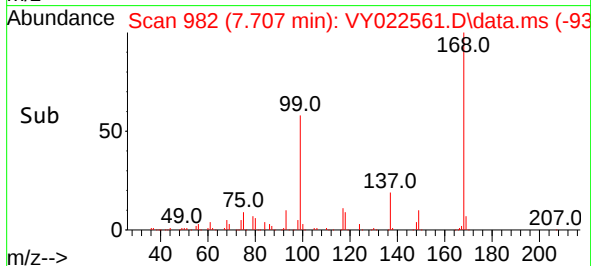
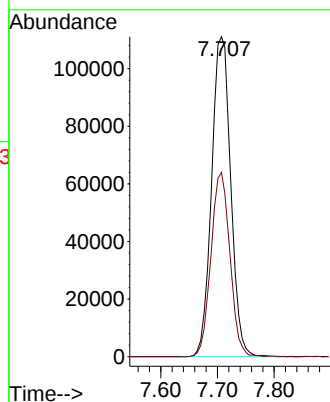
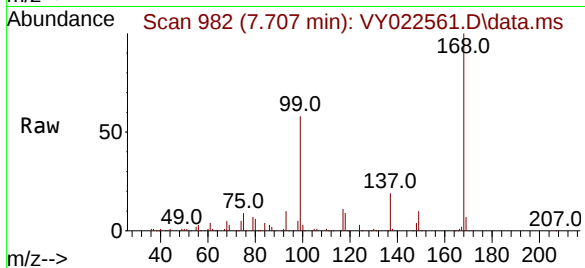




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022561.D
Acq: 05 Jun 2025 09:11

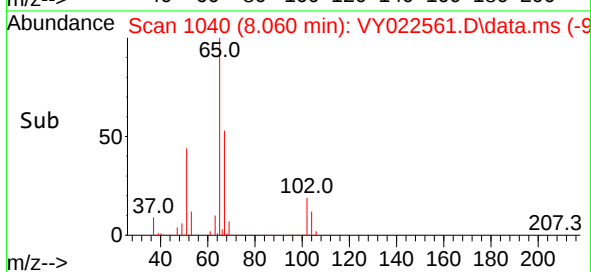
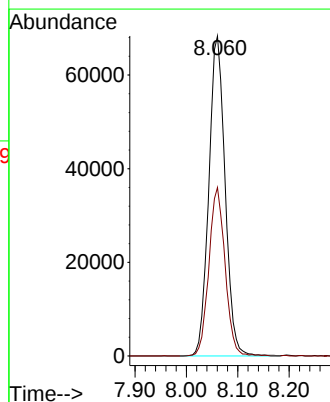
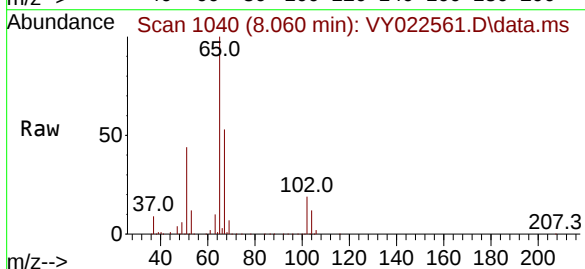
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

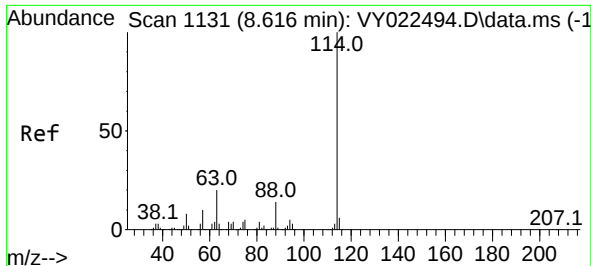
Tgt Ion:168 Resp: 260317
Ion Ratio Lower Upper
168 100
99 57.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 51.658 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.007 min
Lab File: VY022561.D
Acq: 05 Jun 2025 09:11

Tgt Ion: 65 Resp: 150403
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4

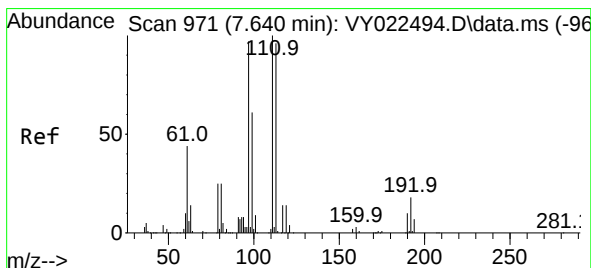
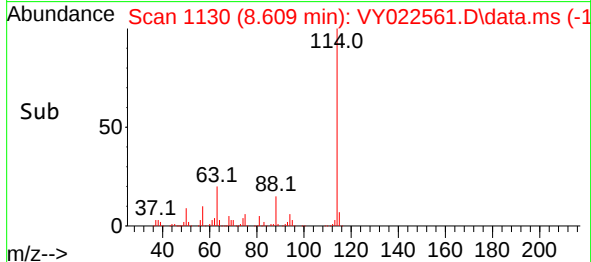
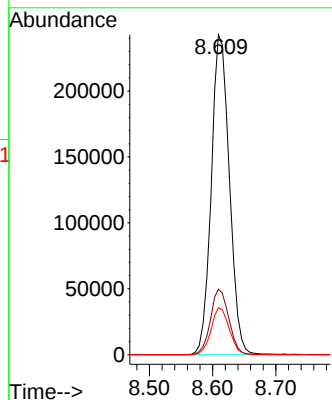
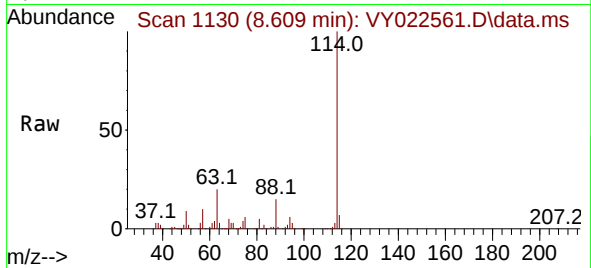




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.007 min
Lab File: VY022561.D
Acq: 05 Jun 2025 09:11

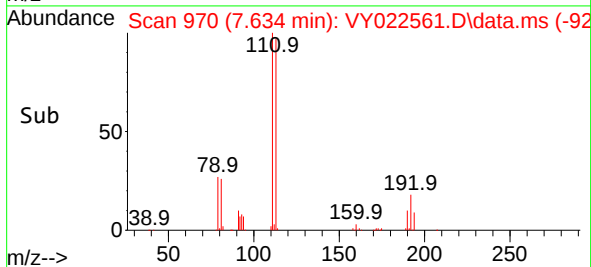
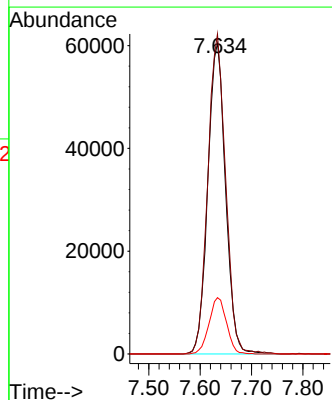
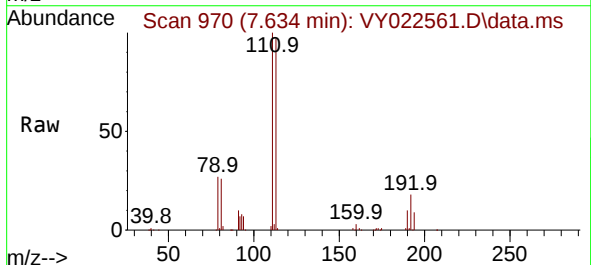
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

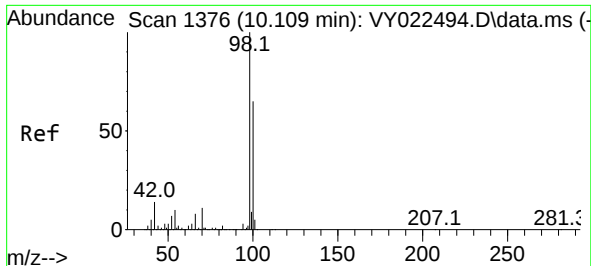
Tgt Ion:114 Resp: 481555
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 14.7 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.273 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.007 min
Lab File: VY022561.D
Acq: 05 Jun 2025 09:11

Tgt Ion:113 Resp: 144501
Ion Ratio Lower Upper
113 100
111 103.7 81.1 121.7
192 17.9 14.2 21.2

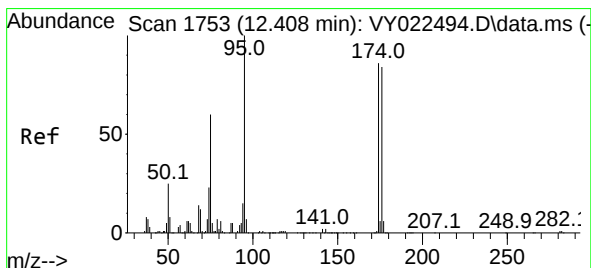
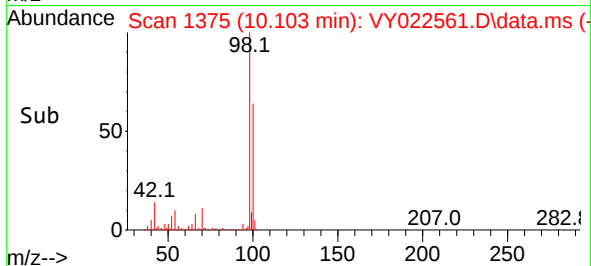
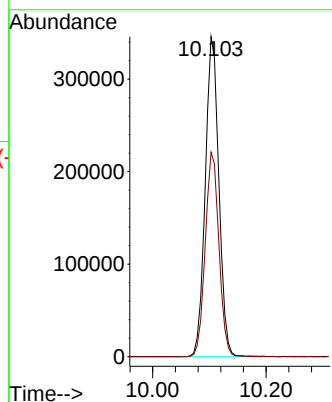
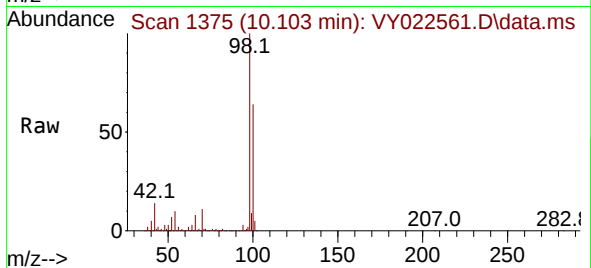




#50
Toluene-d8
Concen: 49.621 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY022561.D
Acq: 05 Jun 2025 09:11

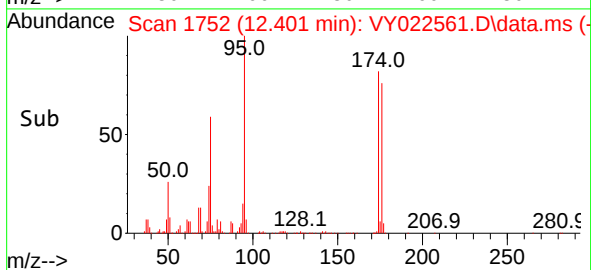
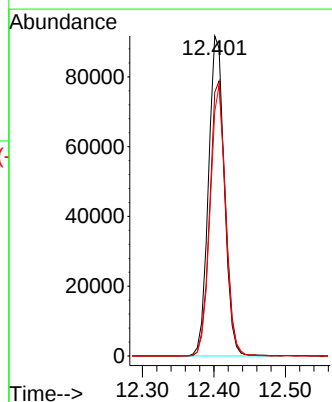
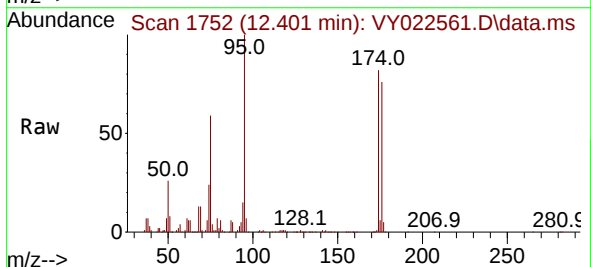
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

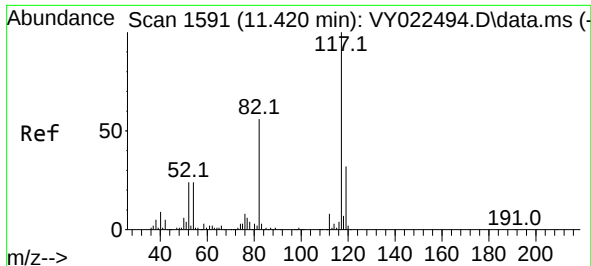
Tgt Ion: 98 Resp: 576294
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.698 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.007 min
Lab File: VY022561.D
Acq: 05 Jun 2025 09:11

Tgt Ion: 95 Resp: 140831
Ion Ratio Lower Upper
95 100
174 86.6 0.0 170.0
176 82.7 0.0 166.2

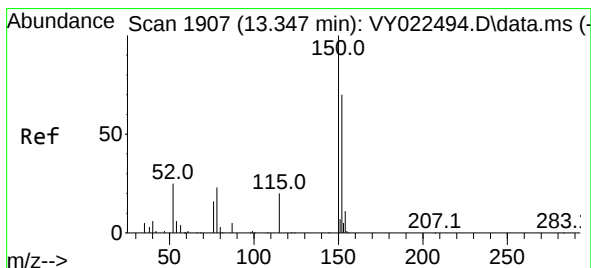
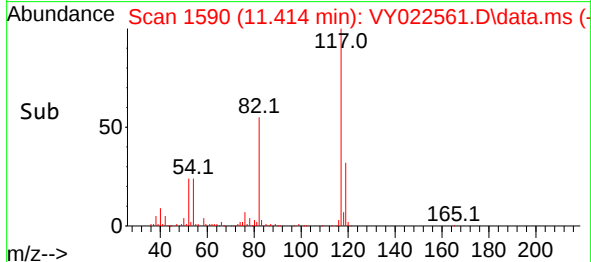
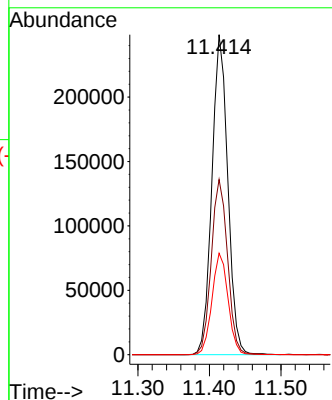
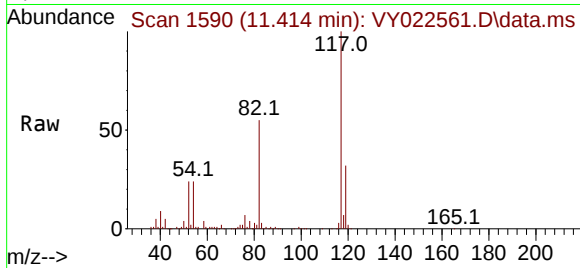




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY022561.D
Acq: 05 Jun 2025 09:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBL01

Tgt Ion:117 Resp: 383268
Ion Ratio Lower Upper
117 100
82 54.8 44.6 66.8
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022561.D
Acq: 05 Jun 2025 09:11

Tgt Ion:152 Resp: 134444
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 157.8 0.0 349.6

